



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

TECH CENTER 1600/2900

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In re application of :  
Kanji TAKADA : Group Art Unit.: 1616  
Serial No.: 09/787,612 : Examiner: Sharmila S. Gollamudi  
Filed: March 20, 2001 :  
Title: ORAL DRUG DELIVERY SYSTEM FOR ENHANCING THE  
BIOAVAILABILITY OF ACTIVE FORM OF GLYCYRRHIZIN

**REPLY**

Commissioner for Patents  
Washington, D.C. 20231

SIR:

In response to the Office Action dated October 18, 2002, please amend the application as follows and consider the remarks.

**In the Claims:**

Please amend the claims as follows:

11. (Twice Amended) The device according to claim 19, wherein said amount of glycyrrhizin is in excess of the amount needed for compensating for the hydrolysis thereof by the intestinal flora.

12. (Twice Amended) The device according to claim 19, wherein said coating film is formed by dipping the shaped core in a solution of ethylcellulose.

14. (Twice Amended) The device according to claim 19, wherein said shaped core further contains an absorption promoter for glycyrrhizin.

17. (Amended) The device according to claim 19, wherein the device contains 10 to 1,000 mg of glycyrrhizin.